

Name of Plasmid: p4425.MnSOD-Sense

Scientist: HY

Log Number: 60

Date: [REDACTED]

Description of Construct: See Next Page

Method of Preparation:

Source:

July 17 / 1991
Superoxide

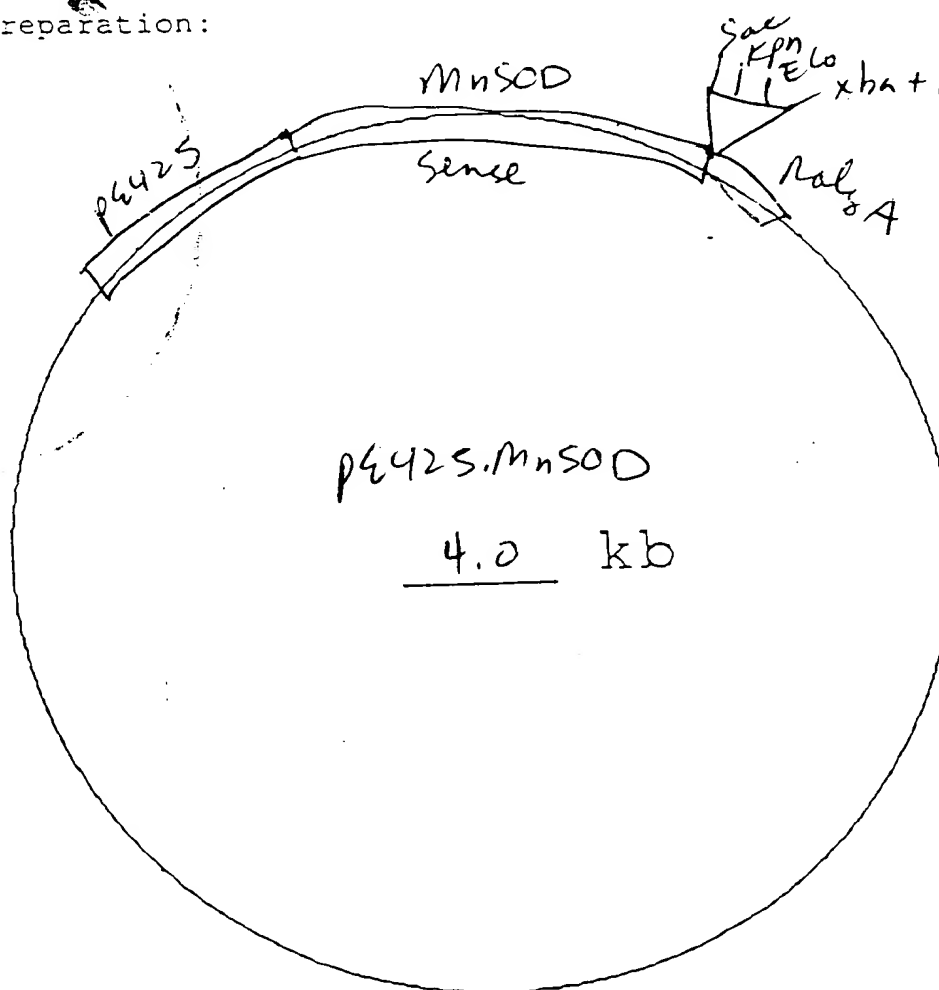
lysine gene

Sense:
antenna

to go into
BM stem &
sense cell,

for

transplant



Rec'd

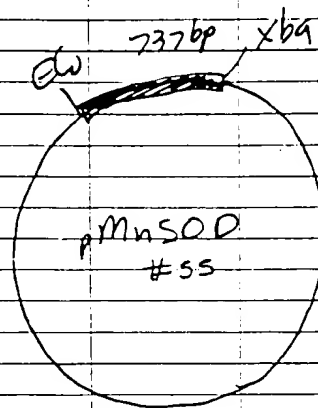
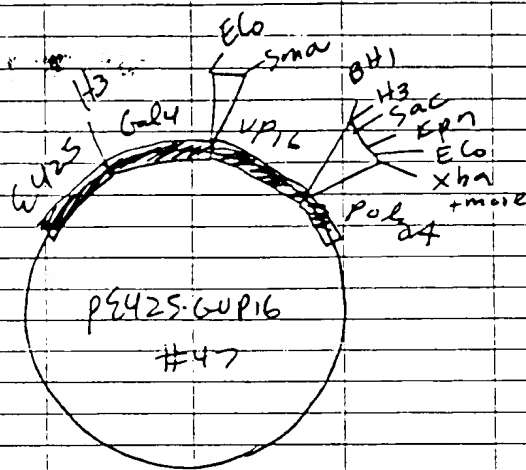
put at -20°C
Enzyme box

Expected Results of Digests:

Enzyme:	<u>Eco</u>	<u>Nar</u>	<u>BH₁+E</u>	<u>PvuII+Xba</u>	
Fragments:	<u>4.0</u>		<u>2.4</u>	<u>3.0</u>	
			<u>1.1</u>	<u>700</u>	
			<u>200</u>	<u>150</u>	

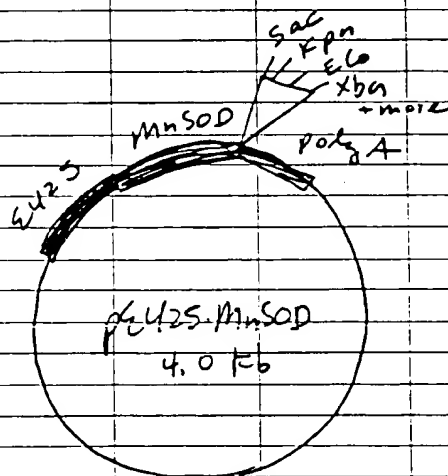
Notes:

Construction of pE425.MnSOD



Digest w/ H3
Klenow
phosphatase
3.2 Kb + 1.3 Kb

Digest w/ Eco + Xba
Klenow
2.8 (doublet?) + 737 bp

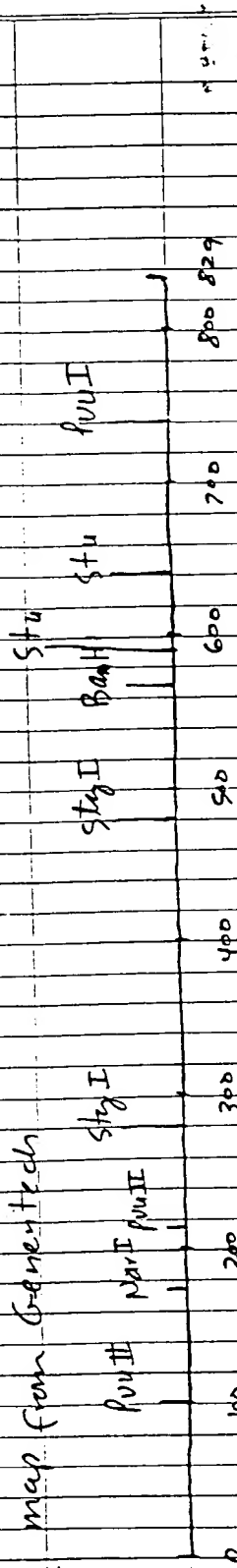


Sense = 60

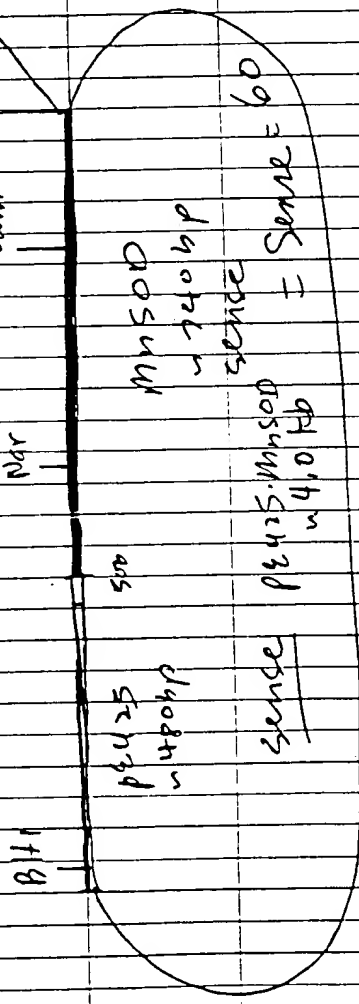
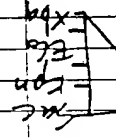
AS = 61

Restriction Map of pU25 mnsod

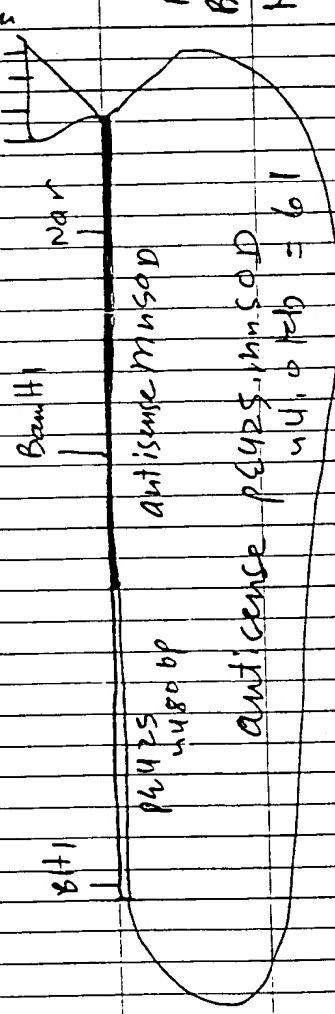
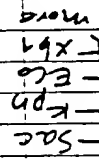
mnsod map from Genentech



737 bp of this mnsod was inserted to make pU25.mnsod the exact 737 bp fragment is not known



Sense BamHI 1Hb + 2.6
BH1 + EGR1 200bp + 110 + 2.5
NotI + EGR1 600 + 112 + 2.4



Antisense +2.3
BH1 700bp + 0.8
BH1 + EGR1 600 + 700 + 2.3
NotI + EGR1 200 + 0.9 + 1.1 + 2.3

Name of Plasmid:

pE425.TNF

Scientist: HY

Log Number: 59

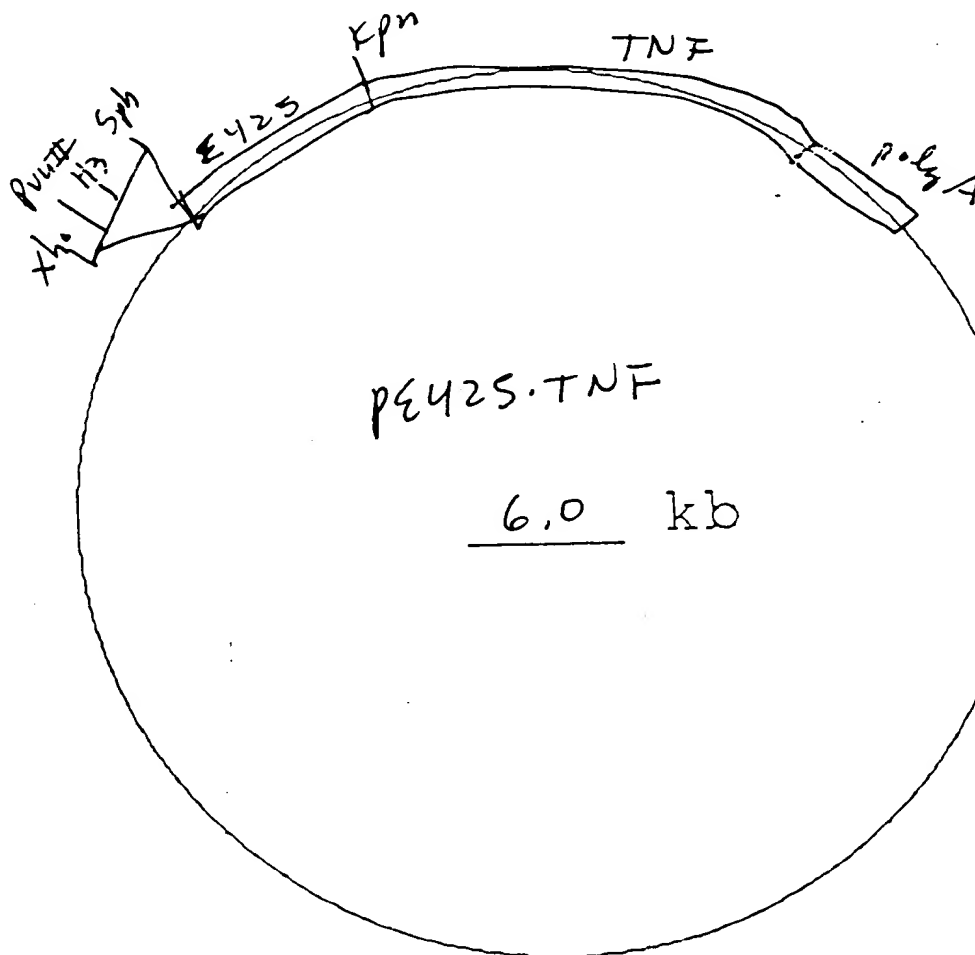
Date:

Description of Construct:

See next page - 2 pages

Method of Preparation:

Source:

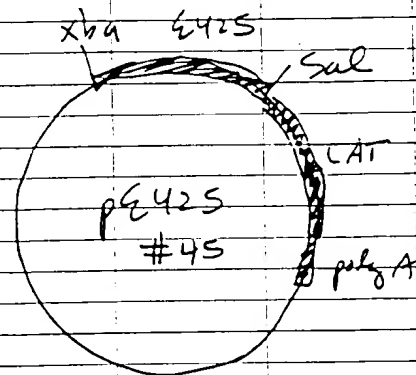
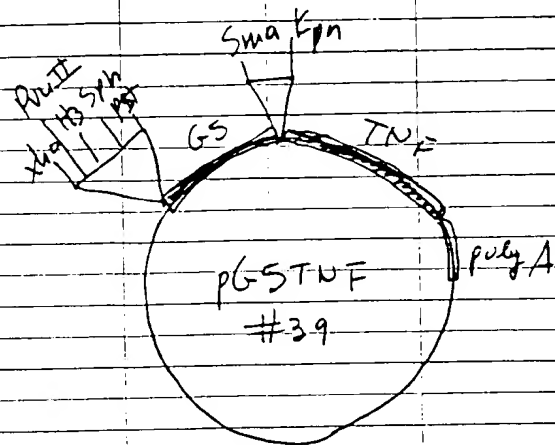


Expected Results of Digests:

Enzyme:	E6RI	H3	BH1	BH1+H3	XhoI	SphI	P.
Fragments:	6.0	4.5	6.0	4.5	6.0	6.0	5
		1.4		1.4			1

Notes:

Construction of pE42S.TNF #59



digest w/ Pst + Sma
+ DNA polym
phosphatase
5.5 kb + 100 bp

digest w/ Xba + Sal
Klenow
4.2 kb + 480 bp

